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[Continued on next page]

(54) Title: MODIFIED KSA AND USES THEREOF

A. Amino Acid Sequence Comparison of "Wild-Type KSA" (1) and Modified KSA (2)

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1 MAPPQVLAFGLLLAAATATFAAAQEECVCENYKLAVNCFVNNRQCQCTSVGAQNTVIC
2 MAPPQVLAFGLLLAAATATFAAAQEECVCENYKLAVNCFVNNRQCQCTSVGAQNTVIC

1 SKLAAKCLVMKAEMNGSKLGRRAKPEGALQNNGLYDPDCDESGLFKAKQCNGTSTCWC
2 SKLAAKCLVMKAEMNGSKLGRRAKPEGALQNNGLYDPDCDESGLFKAKQCNGTSTCWC

1 VNTAGVRRTDKDTETCSERVRTYWIIEELKHKAREKPYDSKSLRTALQKEITTRYQLD
2 VNTAGVRRTDKDTETCSERVRTYWIIEELKHKAREKPYDSKSLRTALQKEITTRYQLD

1 PKFITSILYENNVITIDLQNSSQKTQNDVDIADVAYYFEKDVKGESLFHSHKMDLTVN
2 PKFITSILYENNVITIDLQNSSQKTQNDVDIADVAYYFEKDVKGESLFHSHKMDLTVN

1 GEQLDLDPGQTLIIYYVDEKAPEFSMQGLKAGVIAVIVVVVIAVVAGIVVLVISRKKRMA
2 GEQLDLDPGQTLIIYYVDEKAPEFSMQGLKAGVIAVIVVVVIAVVAGIVVLVISRKKRMA

1 KYEKAETIKEMGEMHRELNA
2 KYEKAETIKEMGEMHRELNA
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(57) Abstract: The present invention relates to a nucleic acid encoding a polypeptide and the use of the nucleic acid or polypeptide in preventing and/or treating cancer. In particular, the invention relates to improved vectors for the insertion and expression of foreign genes encoding tumor antigens for use in immunotherapeutic treatment of cancer.

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